

*ELECTRONIC COUNTERMEASURE POD MAINTENANCE*

(F-16)

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1. **Objective.** As prescribed in AFI 38-201, *Determining Manpower Requirements*, this Air National Guard Manpower Standard (ANGMS) quantifies the manpower required to accomplish the tasks described in the work center description.
  2. **Authority.** Air National Guard Regulation 66-14, *Maintenance Management*, 13 July 1988, contains policy and procedural guidance for the Electronic Countermeasure Pod Maintenance work center. This ANGMS has been developed in accordance with functional review procedures contained in AFPAM 38-208V1, *Air Force Management Engineering Program (MEP) Processes*, (formerly AFR 25-5).
  3. **Applicability.** Applies to ANG Fighter Wings, Groups, and the 114th Fighter Squadron. It excludes the 162nd Fighter Group and the 184th Fighter Group. Equation 1 applies to all 18 Primary Aircraft Authorized (PAA) F-16 air-to-ground Fighter Wings and Groups. Equation 2 applies to all 24 PAA air-to-ground Fighter Wings and Groups. This standard only applies to peacetime operations.
  4. **Standard Data:**
    - a. Classification. Type III.
    - b. Approval Date. 1 August 1992.
    - c. Man-hour Data Source. Operational Audit method (historical record and technical estimate techniques).
    - d. Standard Man-hour Equation:
      - (1)  $Y = 194.6 + 37.96X$ .
      - (2)  $Y = 259.5 + 37.97X$ .
    - e. Workload Factor:
      - (1) Title. An allocated Electronic Countermeasure Pod.
      - (2) Definition. The average monthly allocated electronic countermeasure pod.
      - (3) Source. Worldwide Electronic Warfare Pod report RCS: HAF-RDR 7101, assigned column.
  5. **Application Instructions:**
    - a. The valid man-hour range for this ANGMS is 194.60 through 991.97 for equation 1 and 259.50 through 1284.69 for equation 2, attachment 2.
    - b. This ANGMS is appropriate for use with all peacetime civilian man-hour availability factors.
    - c. Determine the whole manpower requirements for this work center and refer to the appropriate column in the standard manpower table at attachment 2 to determine the required specialties.
  6. **Statement of Conditions:**
    - a. There were no general conditions (environmental, equipment, or facility) which had an impact on the development or application of this manpower standard.
    - b. There were no approved enhancements that impacted the manpower equation for this work center.

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**2 Attachments**  
**1. Work Center Description**  
**2. Standard Manpower Table**

## **WORK CENTER DESCRIPTION**

### **Electronic Countermeasure Pod Maintenance**

(F-16)

#### **DIRECT:**

##### **1. ON-EQUIPMENT MAINTENANCE:**

**1.1. MAINTAINS SYSTEM, COMPONENT PART, AND SUPPORT EQUIPMENT.** Inspects, troubleshoots, repairs, and reprograms on-equipment.

**1.1.1. MAINTAINS ELECTRONIC COUNTERMEASURE (ECM) POD SYSTEM.**

**1.1.2. MAINTAINS ECM TEST STATION.**

**1.1.3. MAINTAINS ECM POD HANDLING EQUIPMENT.**

**1.2. PERFORMS INSPECTION.** Performs special, phase, and hourly inspection.

**1.2.1. PERFORMS SPECIAL INSPECTION.**

**1.2.2. PERFORMS PHASE/HOURLY INSPECTION.**

##### **2. OFF-EQUIPMENT MAINTENANCE:**

**2.1. MAINTAINS SYSTEM, COMPONENT PART, AND SUPPORT EQUIPMENT.** Inspects, troubleshoots, and repairs off-equipment.

**2.1.1. MAINTAINS ECM POD SYSTEM.**

**2.1.2. MAINTAINS ECM POD ADAPTERS.**

**2.1.3. MAINTAINS ECM POD HANDLING/SHIPPING EQUIPMENT.**

**3. TIME COMPLIANCE TECHNICAL ORDER (TCTO) MAINTENANCE.** Performs maintenance required on/off the aircraft in accordance with applicable TCTO and completes documentation.

**4. TECHNICAL DATA SUBACCOUNT MAINTENANCE.** Receives and posts data and changes to technical order file. Maintains file for serviceability.

**5. CORROSION CONTROL.** Performs ECM pod and equipment cleaning procedures to remove contamination and corrosion.

**6. RECORDS PREPARATION.** Performs requirement of initiating and maintaining ECM equipment historical records, status/configuration reports, and parts tracking.

**7. AIRCREW DEBRIEFING.** Attends the aircrew debriefing.

**8. GENERAL SHOP SUPPORT.** Performs shop support task to include local manufacture.

**9. COMPOSITE TOOL KIT (CTK) MAINTENANCE.** Conducts beginning and end-of-day inventory. Maintains CTK by inspecting for serviceability, performing corrosion control, and replacing tool.

**10. UNIT TRAINING ASSEMBLY (UTA) PREPARATION.** Performs planning/ scheduling task associated with preparation for UTA.

**INDIRECT:** Indirect work involves those tasks that are not readily identifiable with the work center's specific product or service. The major categories of standard indirect work are Supervision, Administration, Meetings, Training, Supply, Equipment Maintenance, and Cleanup. See AFMS 00AA for the standard indirect description.

STANDARD MANPOWER TABLE											
WORK CENTER/FAC Electronic Countermeasure Pod Maintenance 24130D			APPLICABILITY MAN-HOUR RANGE See Paragraph 5, Application Instructions								
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Avionics Systems Elec Warfare Sys	451X0 456X1	Civ Civ	2	1 2	1 3	1 4	1 5	1 6	1 7	1 8	
TOTAL			2	3	4	5	6	7	8	9	
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
TOTAL											